IEEE P802.11
Wireless LANs

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| Missing Paragraphs on Scanning Text |
| Date: 2014-07-16 |
| Author(s): |
| Name | Affiliation | Address | Phone | Email |
| Jarkko Kneckt | Nokia | Otaniementie 19B, 02150 Espoo Finland | +358-50-4821550 | Jarkko.kneckt@nokia.com |
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Abstract

The submission contains text that was erroneously deleted in 11-14-765r7. The resolved comments did not comment the deleted text.

802.11ai should not even accidentally delete text that is not commented or discussed in the group.

The accidentally deleted text is highlighted in yellow. Otherwise the text is from 11-14-765r7.

No changes is proposed to accidentally deleted text.

**10.1.4.3.5 Contents of a ~~probe~~ response**

***Instructions to Editor: This clause adopts the 802.11 MC D3.0 as a starting point. All text copied from 802.11ai D2.0 is shown as underlined. The blue and red color show the changes done by the comment resolution to the base standard or to 802.11ai D2.0.***

A STA that responds to a probe request according to 10.1.4.3.4 (Criteria for sending a probe response) shall transmit a Probe Response or a Beacon frame as follows:

~~— The Probe Response frame is individually addressed to the STA that generated the Probe Request frame.~~

A FILS STA ~~in which dot11FILSActivated is true~~ that transmits a Probe Response frame shall either set the Address 1 field to the address of the STA that generated the probe request or shall set it to the broadcast address if the STA that generated the probe request is indicating FILS Capability. The Address 1 field shall be set to the address of the STA that generated the probe request if the STA is not indicating FILS Capability. A STA in which dot11FILSActivated ~~is~~ equal to false that transmits a Probe Response frame shall set the Address 1 field to the address of the STA that generated the probe request

If dot11FILSActivated equal to true and if the Request element of the Probe Request includes the Reduced Neighbor Report Request element ID, the Probe Response or Beacon frame may include the Reduced Neighbor Report element if the criteria as defined in 10.1.4.3.6, are met for the included BSS. The reported BSSs may have different primary channels to the responding STA.

A STA in which dot11InterworkingServiceActivated is true may include in the Probe Response frame an ANQP Configuration Sequence Number element containing the current sequence number of the AP's GAS configuration information. The current AP's ANQP Configuration information can be acquired by GAS query mechanism as described in 10.24.3

Each element requested in a Request element shall be included in the Probe Response or the Beacon frame if the responding STA supports that element. In the Probe Response frame, the STA shall return the requested elements in the same order as requested in the Request element. If dot11RadioMeasurementActivated is true and if the Request element of the Probe Request includes the RCPI element ID, the STA shall include in the Probe Response an RCPI element containing the measured RCPI value of the received Probe Request frame. If no measurement result is available, the RCPI value shall be set to indicate that a measurement is not available.

When the MaxChannelTime field is present in any of Probe Request frames, the STA with dot11FILSActivated true should respond with a Beacon frame to Probe Request frames addressed to individual or broadcast address if:

1. The STA is queuing Beacon for transmission [CID5118] or the next TBTT of the responding STA is within dot11BeaconResponseDuration
2. If MaxChannelTime field is present in any of Probe Request frames, the next TBTT is no later than any deadline of MaxChannelTime indicated in the FILS Request Parameter element of the Probe Request frames.
3. A Beacon frame contains the Element Ids requested by the Requested Element IDs.

If a FILS STA ~~with dot11FILSActivated true~~ receives two or more Probe Request frames, subject to the criteria above, and the STA has dot11OmitReplicateProbeResponses equal to true, the responding STA may transmit a Probe Response frame or a Beacon frame as a response to all Probe Request frames. The Beacon frame may be transmitted if the STA is queuing Beacon for transmission or the next TBTT is within dot11BeaconResponseDuration. [CID4303] If a Probe Response frame is transmitted, then the individually addressed Probe Response frame shall be transmitted to all non-FILS STAs from which a Probe Response frame is received. [CID4773]

Additionally, when an AP with dot11FILSActivated true, responds to a Probe Request frames containing a FILS Capability field in the Extended Capabilities element equal to 1, the AP shall transmit Probe Response frame in a PPDU using a rate other than a DSSS/CCK (Clause 16 or Clause 17) rate.